

**Patent** [19]

[11] Patent Number: 11276564

[45] Date of Patent: Oct. 12, 1999

## [54] AIR CLEANER

[21] Appl. No.: 10087429 JP10087429 JP

[22] Filed: Mar. 31, 1998

[51] Int. Cl.<sup>6</sup> A61L00900 ; A61L00918; B01D05387; B01D05386; B01J03502; E04B00164

## [57] ABSTRACT

**PROBLEM TO BE SOLVED:** To provide an air cleaner which is provided with deodorant and disinfectant functions, 'so compact that it can be put at the favorite place, and can effectively clean the air.

**SOLUTION:** The air cleaner is composed of a casing 3 of which side is L-shaped, cross flow fan that is placed on the L-shaped corner in the casing 3, an air-permeable photocatalyst part 5 settled on the both sides for exhalation and inhalation of the cross flow fan and light source 6 that illuminates the light to excite the photocatalyst. It is preferable that the photocatalyst is held on the surface of the cross flow fan's propeller 4A and the inside of windshield 4B.

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